

ABSTRACT OF THE DISCLOSURE

A broadband network system configured to transfer user datagram protocol with value-added (UDPVA) packet from to a broadband interface unit (BIntU) transceiver. The broadband network system may comprise a data distribution center and the BIntU transceiver. The BIntU transceiver is configured to generate the UDPVA packet. The BIntU transceiver includes an encoder/decoder (codec) configured to alternatively code or decode UDP frame information and a digital signal processor (DSP) portion. The DSP portion is coupled to the codec. In one aspect, the DSP portion includes a stack that temporarily stores the UDPVA packet within the stack. In one aspect, the UDPVA packet is in a form to be transmitted directly to a network destination address device. In another aspect, the UDPVA packet is available to delivery to a network destination address or storage located on a local area network or a wide area network. In certain aspects, the BIntU transceiver is configured to transmit the UDPVA packet to the data distribution center.